

Amendments to the Claims:

The following listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1-3. (canceled)

4. (currently amended) ~~A process for producing a~~ homogeneous, boron-doped alkaline earth peroxide ~~according to claim 1, said process comprising:~~ having a boron content of 0.5 to 5 wt.% and a peroxide content of about 75 wt.% or more, calculated based on the active oxygen content, wherein the alkaline earth peroxide is a mixed calcium/magnesium peroxide comprising calcium peroxide and magnesium peroxide that are homogeneously dispersed in each other on a molecular level, and the boron is homogeneously distributed within the mixed calcium/magnesium peroxide on a molecular level, said homogeneous, boron-doped alkaline earth peroxide being made according to the process of:

reacting an aqueous solution or suspension containing alkaline earth hydroxide and hydrogen peroxide, with

- sodium metaborate solution and aqueous hydrogen peroxide solution, or
- sodium metaborate solution, or
- boric acid, and

evaporating water to obtain a solid and drying the solid to obtain the homogeneous, boron-doped alkaline earth peroxide product.

5-7. (canceled)

8. (currently amended) A method of treating agricultural seed, said method comprising applying to said seed a treatment composition comprising [[a]] the homogeneous, boron-doped alkaline earth peroxide according to claim 4. ~~wherein the alkaline earth peroxide is a mixed calcium/magnesium peroxide~~

~~comprising calcium peroxide and magnesium peroxide that are homogeneously dispersed in each other on a molecular level, and the boron is homogeneously distributed within the mixed calcium/magnesium peroxide on a molecular level.~~

9. (previously presented) A method according to claim 8, wherein said treatment composition comprises an oxygenating agent.

10. (previously presented) A method according to claim 8, wherein said treatment composition is a seed pilling composition.

11. (previously presented) A method according to claim 8, wherein said seed is sugar beet seed.